

Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, NPIC

DATE: PAD 39/62
5 Apr 62

FROM : Chief, CIA/PAD(NPIC)

SUBJECT: Significant Intelligence Items

Attached is a copy of summary of Significant Intelligence Items obtained by KEYHOLE, TALENT, and CHURCHDOOR missions accomplished during the period 1 Oct 1961 to 31 March 1962 to be included in the semi-annual report to the Killian Committee.

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TALENT Materials

a. Cuba. During the period 1 Oct 61 - 31 Mar 62 six TALENT missions were flown over Cuba. On two occasions joint teams were sent to the processing center for immediate readout.

Situation Summaries were prepared on the six missions giving readouts on high priority targets of joint community interest. One Mission Coverage Index was also prepared.

Important contributions derived from this material include: the increase in the number of Soviet-built submarine chasers, motor torpedo boats, and aircraft being delivered to Cuba; the continuation of construction on two new airfields which when completed will be suitable for jet aircraft operations and the deployment of jet fighter aircraft to one of these airfields, the deployment of jet fighter aircraft to a former commercial airfield, the deployment of early warning radars and the reporting of Cuban military operations in the Guantanamo Bay area.

b. Southeast Asia. In answer to joint community requirements three missions were accomplished over portions of North Vietnam and peripheral South China.

In order to provide rapid reporting and to serve theater needs, the [] was activated and staffed by personnel from NPIC and Army, Navy, Air Force Theater commands. Initial reporting was accomplished and disseminated from [] Few significant changes in major targets were observed from information already obtained during earlier missions in January and October 1961, except for the introduction of additional numbers and types of Soviet-built aircraft, the improvement of two airfields and the construction of one new airfield.

CHURCHDOOR Materials

a. Communist China. During the reporting period four CHURCHDOOR missions were flown over Communist China, one in January 1962, one in February 1962 and two in March 1962.

Immediate Photographic Interpretation Reports have been prepared on each mission in response to high priority community requirements.

Mission Coverage Indexes have also been prepared on each.

An important contribution from these missions has been the coverage of the China Missile Center. In addition, numerous urban, industrial, and military complexes have been covered but have not been fully exploited as yet. This material should considerably update and enhance intelligence data on these areas.

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3. Significant Intelligence Items. The four KEXHOLE missions accomplished in the six month period from 1 October 1961 through 31 March 1962 (missions 9025, 9028, 9029, and 9031) have contributed substantially to strategic intelligence on the Soviet Union and also China. Critical information has been obtained especially with regard to nuclear weapons production, storage, and test facilities and the deployment of surface-to-surface and surface-to-air missile sites. Of particular significance was the acquisition of the first KEXHOLE mission providing full stereoscopic coverage, greatly enhancing the interpretative value of the photography. Some of the intelligence highlights of this period are as follows:

1) Eleven new deployed ICBM launch areas were identified bringing the total in the USSR to 21 launch areas with 42 pads. This figure does not include the 3 launch areas with a total of 5 pads at Tyura Tam.

2) Twenty-seven MRBM launch areas have been added to those previously identified making a current total of 89 launch areas with 356 launch pads in the USSR.

3) An additional 141 SA-2 and 10 SA-3 SAM sites have been identified with a current total of 56 SA-1's (Moscow area) 470 SA-2's (429 in the USSR) and 12 SA-3's (USSR only).

4) Expansion of the Tyura Tam Missile Test Center has continued.

5) A suspect Static Test Facility has been newly identified near Krasnoyarsk, another at Omsk has been confirmed, and comparative coverage (stereo) was obtained of a third such facility north of Krasnoyarsk.

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- 14) These missions combined with previous coverage now provide means of assessing power rail and road networks throughout large portions of the USSR.
- 15) Agency mapping program was considerably enhanced by system photography. Accurate location of significant land features and built-up detail of extensive areas of the USSR now made possible.
- 16) Uranium ore production rates can now be calculated by comparing new and old coverage of many mines and mills in the Soviet Union.
- 17) The suspected slow-down in industrial expansion in China was confirmed by KEYHOLE photography during this period.
- 18) The progress of new railroad construction within and between the USSR and China has been revealed by these missions.